



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Robert Trimble)	
Serial No.:	10/644,520)	Examiner: unassigned
Filed:	August 20, 2003)	Group Art Unit: unassigned
Title:	Pump)	No.: 36400.19US5

INFORMATION DISCLOSURE STATEMENT
(37 C.F.R. §1.97(b)(3))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, pursuant to 37 C.F.R. §1.56, the items of information listed on the enclosed Form PTO/SB/08a are brought to the attention of the Examiner.

This statement should be considered because it is being submitted with this application; therefore, no fee is required.

In accordance with 37 C.F.R. §1.98(d), copies of U.S. patents and other art listed on the enclosed forms PTO/SB/08A and PTO/SB/08B which were previously cited by or submitted to the Office with the previously filed applications, of which the current application is a continuation, are not enclosed. The previously filed application upon which the current application relies for an earlier filing date under 35 U.S.C. § 120 is:

U.S. Patent Application Serial No. 10/330,939, filed December 27, 2002; which is a continuation of U.S. Patent Application Serial No. 09/798,392 (U.S. Patent No. 6,502,394), filed

March 1, 2001; which is a continuation of U.S. Patent Application Serial No. 09/354,850 (U.S. Patent No. 6,332,393) filed on July 16, 1999.


In accordance with 37 C.F.R. §1.104, no representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§102 and 103 and Applicant reserves the right, pursuant to 37 C.F.R. §1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicant does not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of MPEP 609, it is requested that the Examiner return a copy of the attached Form PTO/SB/08a, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Respectfully submitted,

Date: Nov. 7, 2003

By:


Thomas C. McDonough
Registration No. 33,734
NEAL, GERBER & EISENBERG LLP
2 North LaSalle Street, Suite 2200
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By: 



TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/644,520	
	Filing Date	08/20/2003	
	First Named Inventor	Trimble	
	Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	6	Attorney Docket Number	36400.19US5

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

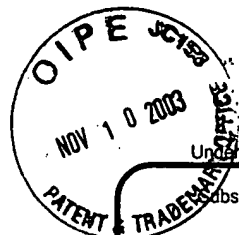
Firm or Individual name	Thomas C. McDonough (Reg. No. 33;734); Neal, Gerber & Eisenberg, LLP
Signature	<i>Thomas C. McDonough</i>
Date	Nov. 7, 2003

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Washington, DC 20231 on this date:		
Typed or printed name	Michelle Cook	
Signature	<i>Michelle Cook</i>	Date
		11/7/03

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: C mmissi ner f r Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet

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Application Number	10/644,520
Filing Date	08/20/2003
First Named Inventor	Robert Trimble
Art Unit	
Examiner Name	
Attorney Docket Number	36400.19US5

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,908,519	09-1975	Born et al	
		US- 4,041,703	08-1977	Knapp	
		US- 4,167,855	09-1979	Knapp	
		US- 4,212,601	07-1980	Ina	
		US- 4,690,036	09-1987	Kosaka et al	
		US- 4,856,368	08-15-1989	Fujisaki et al	
		US- 4,870,820	10-03-1989	Nemoto	
		US- 4,896,506	01-1990	Shivvers et al	
		US- 4,899,541	02-13-1990	Okada et al	
		US- 4,905,472	03-06-1990	Okada	
		US- 4,914,907	04-10-1990	Okada	
		US- 4,932,209	06-12-1990	Okada et al	
		US- 4,934,253	06-19-1990	Berthold et al	
		US- 4,986,073	01-22-1991	Okada	
		US- 5,042,252	08-27-1991	Havens et al	
		US- 5,074,195	12/24/1991	Ohashi et al	
		US- 5,094,077	03-10-1992	Okada	
		US- 5,136,845	08-11-1992	Woodley	

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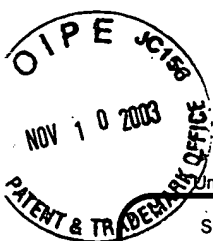
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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Sheet

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of

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Application Number

Filing Date

08/20/2003

First Named Inventor

Robert Trimble

Art Unit

Examiner Name

Attorney Docket Number

36400.19US5

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,146,748	09-15-1992	Okada	
		US- 5,156,576	10-20-1992	Johnson	
		US- 5,163,293	11-17-1992	Azuma et al	
		US- 5,182,966	02-02-1993	Von Kaler et al	
		US- 5,201,692	04-13-1993	Johnson et al	
		US- 5,289,738	03-01-1994	Szulczewski	
		US- 5,311,740	05-17-1994	Shiba et al	
		US- 5,314,387	05-24-1994	Hauser et al	
		US- 5,333,451	08-02-1994	Sakikawa et al	
		US- 5,339,631	08/23/1994	Ohashi	
		US- 5,373,697	12-20-1994	Joliff et al	
		US- 5,440,951	08-15-1995	Okada et al	
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		US- 5,555,727	09-17-1996	Hauser et al	
		US- 5,588,294	12-1996	Shiba et al	
		US- 5,628,189	05-13-1997	Hauser et al	
		US- 5,771,758	06-30-1998	Hauser	
		US- 5,794,443	08-18-1998	Shimizu et al	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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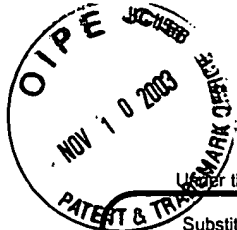
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08/20/2003

First Named Inventor

Robert Trimble

Art Unit

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		US- 5,819,537	10-13-1998	Okada et al	
		US- 5,836,159	11-17-1998	Shimizu et al	
		US- 5,845,559	12-1998	Schroeder et al	
		US- 5,862,664	01-26-1999	Ohashi et al	
		US- 5,873,287	02-23-1999	Kawada	
		US- 5,887,484	03-30-1999	Abend et al	
		US- 5,913,950	06-22-1999	Matsufuji	
		US- 6,185,936	02-2001	Hauser et al	
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